



VOIP Implementation: Foundation Licensing Summary
October 26, 2015

The following information is a summary of the features included with available license bundles. The State has chosen “Foundation” licensing for its implementation.

Functionality	CollaborationApps	Basic	Foundation	Standard
Number of Devices		1	1	10
Full Voice/Call Control	Cisco UC Manager	●	●	●
Mobility (SNR)	Cisco Unified Mobility	●	●	●
Native Video	Cisco UC Manager		●	●
Unified Messaging	Cisco Unity Connection	◐	◐	●
IM & Presence	Cisco Jabber IM	●	●	●
Desktop Softphone	Cisco Jabber (full UC)		● *	● *
Smartphone Client	Cisco Jabber (full UC)		● *	● *
Immersive Video	Cisco TelePresence Rooms		◐ *	◐ *
Web Conferencing	Cisco WebEx Meetings	◐	◐	◐
Contact Center Agent	Cisco Unified CC Enterprise	◐	◐	◐

 Included
  Optional Add-on

In the table below, an ‘X’ denotes the feature is included with that License Bundle. An ‘O’ denotes that the feature is an option available with that License Bundle.

Traditional Services Component	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
Call Features <ul style="list-style-type: none"> • Call Preservation for Active Calls • Barge • Call Forward • Call Hold/Resume • Call Park • Call Pickup and Group Call Pickup • Call Transfer • Client Matter Codes (CMC) • Forced Authentication Codes • Do Not Disturb • On-Hook and Off-Hook Dialing • Join across lines (join callers from different lines) • International dialing 	X	X	X	X
Conferencing <ul style="list-style-type: none"> • Ad hoc Conferencing (number based on DSP) 		X	X	X

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Phone Features <ul style="list-style-type: none"> • Hands-free Speakerphone support • Audible and Visual Indication of Ringing Line • Call Status per Line • Mappable Soft Keys • Answer/Release • User-configurable Ring Setting 	X	X	X	X
Fax/Modem Support <ul style="list-style-type: none"> • Fax/Modem over IP 	X	X	X	X
Outgoing Call Routing <ul style="list-style-type: none"> • Direct Outward Dial (DOD) • Abbreviated dialing 	X	X	X	X
Incoming Call Routing <ul style="list-style-type: none"> • Direct Inward Dial (DID) • Auto Answer • Calling Line ID • Calling Name ID • Dialed Number ID Service (DNIS) • Unassigned Directory Numbers 	X	X	X	X
Directories <ul style="list-style-type: none"> • Cisco Personal Address Book • Directories • LDAP Support 		X	X	X
Phone Presence		X	X	X

4.2.2.2 Advanced Services

Advanced Services Component	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
Assistant/Manager Control <ul style="list-style-type: none"> • Manager-Assistant Service 		X	X	X
Conferencing <ul style="list-style-type: none"> • Multi-Party Meet-Me/Ad Hoc Conferencing • Secure Conferencing • Call Recording • Conference Chaining 		X	X	X
Usability Enhancements <ul style="list-style-type: none"> • Privacy • Extension Mobility 		X	X	X

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Outgoing Call Routing <ul style="list-style-type: none"> Click-to-Call Click-to-Dial Multiple Line Appearance 			X	X
Outgoing Call Routing <ul style="list-style-type: none"> Toll Restriction 		X	X	X
Incoming Call Routing <ul style="list-style-type: none"> Hunt Groups Select Specified Line Appearance Shared/Bridged Line Appearances Call Coverage 		X	X	X
Softphone Clients <ul style="list-style-type: none"> IP communicator Unified personal communicator UC CUCIMOC UC CUCICONNECT Jabber Desktop 			X	X
Personal Video Device (9900, DX, EX Series) <ul style="list-style-type: none"> Device Registration Unlimited point-to-point On Net Video Calls 			O	O
Multipurpose Video Device (SX, MX and C Series) <ul style="list-style-type: none"> Device Registration Unlimited point-to-point On Net Video Calls 			O	O
Hosted Video Off Net Service <ul style="list-style-type: none"> Off Net video stream for B2B video communications Video DID – External Name for Inbound Video Dialing 			O	O
Hosted Video Multi-Party Bridge Services <ul style="list-style-type: none"> Add multiple parties to a conference bridge, even during a meeting 			O	O

Traditional and Advanced Services Component Options	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
Attendant Console		O	O	O
Emergency Responder	O	O	O	O

Jabber Clients	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
Jabber IM and Presence	O	O	O	O
Jabber Desktop Softphone			X	X

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Jabber Mobile Softphone <ul style="list-style-type: none"> • iPhone • iPad • Nokia • Blackberry 			X	X

Messaging Service Components	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
Voicemail Box <ul style="list-style-type: none"> • Record up to five personal greetings • Can specify after-greeting action • Can send notifications for messages from a particular user or phone number • Can create private distribution list and send messages to this list 		O	O	X
Security <ul style="list-style-type: none"> • Password and PIN policy options • Call restriction tables to prevent toll fraud • Secure private messaging • Voice message aging policies • HTTPS for secure web access • Security event logging 		O	O	X
Voicemail Access <ul style="list-style-type: none"> • Process messages and play messages • Address message to multiple recipients • Remove introductions to forwarded messages • Search for messages by name, caller ID, phone number, extension • Mark messages as regular, urgent, or private • Create secure messages (no playback when sent outside of company) • Record messages for future delivery • Request return receipts for recorded messages • Live recording of conversation with recording sent to mailbox • Live reply (Internal and external callers) - immediately reply to messages from other users • Address messages by extension or by name • Message delivery to non-subscribers or subscribers at non-office telephone numbers 		O	O	X

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Messaging Service Components	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
Integrated Email, Voicemail, and Fax with SMS Notification <ul style="list-style-type: none"> View email, voicemail, fax messages together from an IMAP client: Microsoft - Outlook, IBM Lotus Notes, Entourage for Mac Receive and forward faxes through integration with Cisco Fax Server (Not available for BASIC license) ViewMail for Outlook and ViewMail for Notes plug-ins to allow users to compose, reply to, forward, play, rewind, or pause messages from mail client IBM SameTime voicemail plug-in to view and play messages through IM client View voicemail through Cisco Unified Personal Communicator and web interface with DVR Notification alert by SMS for receipt of voicemail, emails, faxes, dispatch messages, calendar appointments and meetings: Notification content includes name of sender, originating phone number if sender name not available, messages marked as urgent or private SMS message sent for each message or list of messages 		O	O	X
Visual Voicemail <ul style="list-style-type: none"> View voice messages like email on Cisco IP Phone display 			O	X
Speech Connect and Auto Attendant <ul style="list-style-type: none"> Connect quickly with right person using voice Partition support 		O	O	X
Speech-Enabled Messaging, Email, and Calendar Access <ul style="list-style-type: none"> Access appointments in Microsoft Exchange calendar from phone Access emails from phone List and play email message attachments Process voicemail messages by voice Play voicemail messages by voice Edit and manage personal greetings by voice Speak voicemail passwords, time, and dates 			X	X
SpeechView (Speech-to-Text) <ul style="list-style-type: none"> Speech-to-text transcription of voicemail messages 		O	O	O

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Messaging Service Components	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
Jabber Presence and Instant Messaging Service <ul style="list-style-type: none"> Enterprise-Grade Instant Messaging: Secure, rich-text IM, Group Chat, User History, Multi-device IM, Media Escalation, Persistent Chat rooms, Open API (JabberWerx) Policy and Compliance: Administrator Presence Policy, IM Retention, Off-board database support (optional), third-party compliance engine Rich Network Presence: Network-based presence aggregation from multiple sources and clients, third-party presence applications, network-enforced presence policy Third-Party Support: Third-party XMPP client and application support Video and audio-conferencing supported by softphone (not in BASIC license) Standard and custom presence notifications Blocked or Do Not Disturb presence states Control who views presence information XMPP, user profiles Escalate to group chat File transfer Archived messages Directory Integration 	\$0 Add-On	\$0 Add-On X	\$0 Add-On X	\$0 Add-On X
Integration Options <ul style="list-style-type: none"> Mac OS Windows OS 			O	X
<ul style="list-style-type: none"> Cisco Unified Personal Communicator (softphone, mid-call control, messaging, conferencing, desk phone control, and phone presence, video and audio conferencing capabilities) Cisco UC Integration with Microsoft Office Communicator: PC application that provides instant access to rich Cisco Unified Communications services (softphone, mid-call control, messaging, conferencing, desk phone control, and phone presence) directly from a tab in Microsoft Office Communicator Cisco UC Integration with Cisco WebEx Connect: Allows users to connect and communicate with Cisco Unified Communications services directly from Cisco WebEx Connect Salesforce.com Microsoft Office Suite Add-ins 			O	O
<ul style="list-style-type: none"> Single number reach Enterprise Mid Call Features through DTMF (Conference, Transfer, Hold, Resume, Call Park) 		X	X	X
<ul style="list-style-type: none"> Desk and mobile pick up Mobile voice access Dial by Office (with Carrier Integration) 			X	X

https://inside.vermont.gov/projects/SOV_VoIP/Shared Documents/3. Planning/VoIP Licensing Summary - Foundation.docx

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Messaging Service Components	Essential License	Cisco HCS Application License Bundle		
		Basic	Foundation	Standard
• Single business voicemail		O	O	X
<ul style="list-style-type: none"> • Apple iPhone (Cisco Mobile 8.0) <ul style="list-style-type: none"> ○ Voice over WiFi and Voice over VPN ○ Call preservation when exiting application ○ Handoff to GSM network ○ Mid-call: Add, conference, swap calls, transfer, hold and resume, park, recover ○ Voice dialing ○ Business Visual Voicemail ○ Business Directory access 			X	X
<ul style="list-style-type: none"> • Symbian and Android <ul style="list-style-type: none"> ○ Mobile users experience desk phone functionality using VoIP over WLAN ○ Same number calling: single number for both desktop and mobile device ○ Routes internal calls and calls abroad over the IP telephony network ○ Automated handover of calls between WLAN and cellular network ○ Device automatically detects when in the office ○ Automatic registration to WLAN and Cisco Unified Communications Manager ○ Mobile-to-desk phone roaming with easy call transfer between the two ○ Access to XML applications with mobile device ○ Presence and IM 			X	X
• Nokia E Series (Call Connect)			X	X
• Blackberry Mobile Voice Solution (requires MVS)			O	O